



Perception and trends of associated health risks with seasonal climate variation in Oke-Ogun region, Nigeria

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Abstract:

This paper investigates the perceived and observed trends of associated health risks with seasonal climate variability and identifies types of and preference for adaptation strategies that are available at households and community levels in Oke-Ogun region, Nigeria. The study made use of household survey and rapid appraisal through focus group discussion and key informant interviews. For a short term climate-health impacts analysis, cases of notable diseases were correlated with monthly mean temperature and rainfall for the period 2006 and 2008. The findings show similar trends in relation to local perception on climate-health risks and observed cases of some notable diseases during seasonal changes. Diarrhea, measles and malaria were prevalent during dry season, while flu cases increased at the onset of harmattan and monsoon of rainy season. Available adaptation strategies are autonomous, mostly in the form of treatment measures such as consultation with medical officers in hospitals (17.5%), self-medication (34%) and use of traditional therapy such as herbs (48.5%). Traditional therapy is mostly preferred and approved based on long-term experience of the study population.

Source: <http://dx.doi.org/10.1016/j.healthplace.2013.09.009>

Resource Description

Communication:

resource focus on research or methods on how to communicate or frame issues on climate change; surveys of attitudes, knowledge, beliefs about climate change

A focus of content

Communication Audience:

audience to whom the resource is directed

Public

Exposure :

weather or climate related pathway by which climate change affects health

Food/Water Quality, Precipitation, Temperature

Food/Water Quality: Pathogen

Climate Change and Human Health Literature Portal

Temperature: Fluctuations

Geographic Feature: ☒

resource focuses on specific type of geography

None or Unspecified

Geographic Location: ☒

resource focuses on specific location

Non-United States

Non-United States: Africa

African Region/Country: African Country

Other African Country: Nigeria

Health Impact: ☒

specification of health effect or disease related to climate change exposure

Dermatological Effect, Infectious Disease

Infectious Disease: Airborne Disease, Foodborne/Waterborne Disease, Vectorborne Disease

Airborne Disease: Measles

Foodborne/Waterborne Disease: General Foodborne/Waterborne Disease, Other Diarrheal Disease

Vectorborne Disease: Mosquito-borne Disease

Mosquito-borne Disease: Malaria

Mitigation/Adaptation: ☒

mitigation or adaptation strategy is a focus of resource

Adaptation

Resource Type: ☒

format or standard characteristic of resource

Research Article

Resilience: ☒

capacity of an individual, community, or institution to dynamically and effectively respond or adapt to shifting climate impact circumstances while continuing to function

A focus of content

Timescale: ☒

time period studied

Time Scale Unspecified

Vulnerability/Impact Assessment:

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

A focus of content